



County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH

P.O. BOX 7909 • RIVERSIDE, CA 92513-7909

STEVE VAN STOCKUM, DIRECTOR

Date: August 21, 2018

System No. 3301577

Riverside County Service Area 62

Attn: Steve Jones

13341 Mesa Dr.

Blythe, CA 92225

Enclosed is Citation and Compliance Order No. 05_63_18R_003 issued to Riverside County Service Area 62.

Any person who is aggrieved by a Citation and Compliance Order issued by the Riverside County LPA may file a petition with the State Water Resources Control Board (State Water Board) for reconsideration of the Citation and Compliance Order. Petitions must be received by the State Water Board within 30 calendar days of the issuance of the Citation and Compliance Order. The date of issuance is the date when the Riverside County LPA mails or serves a copy of the Citation and Compliance Order, whichever occurs first. If the 30th day falls on a Saturday, Sunday, or state holiday, the petition is due the following business day. Petitions must be received by 5:00 p.m. Information regarding filing petitions may be found at:

http://www.waterboards.ca.gov/drinking_water/programs/petitions/index.shtml

If you have any questions regarding this matter, please contact me at (760) 863-7570.

Sincerely,

Mark Abbott

Supervising Environmental Health Specialist



County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH

P.O. BOX 7909 • RIVERSIDE, CA 92513-7909

STEVE VAN STOCKUM, DIRECTOR

CITATION AND COMPLIANCE ORDER

NO. 05_63_18R_003

WATER SYSTEM NO. 3301577
Riverside County Service Area 62
Ripley, CA

TO: Riverside County Service Area 62
Attn: Steve Jones
13341 Mesa Dr.
Blythe, CA 92225

August 21, 2018

FINDINGS OF FACT

OVERVIEW

Riverside County Service Area 62 (CSA #62) is a community water system serving a small town with 150 service connections including J & J Market.

The primary source for this water system is the main well on School Road (School Well #1). It has a 30 hp submersible pump that produces approximately 200 gpm. Well #1 is 500' deep.

The Warmington Road well (Warmington #4) is the backup well. It has a 20 hp submersible pump that produces approximately 250 gpm.

Pressure to the distribution system is supplied by a set of 5 booster pumps downstream of the gravity storage tanks.

At the School Road (School Well #1) site there are four 20,000 gallon gravity storage tanks and one 100,000 gallon gravity storage tank. Additionally there is a small pressure tank downstream of the booster pumps, but pressure is primarily maintained by a jockey pump and the booster pumps. The standby well (Well #4) has a large pressure tank (~20,000 gallons). The pressure tank appears to be in good condition; however, the gate valves controlling the flow to the distribution may be inoperable. There is a pressure relief valve and sight tube. The information plate cannot be read.

The distribution system consists of 6 and 8 inch PVC pipe. Approved polyethylene pipe is used for the service connections (Driscopipe 5100). The system pressure is maintained between 45-65 psi. There is a maximum of 5 psi pressure loss in the distribution system according to the operators.

A water treatment plant for the removal of iron and manganese was installed in 2006 at this water system. The plant is located at the School Road well site. The primary mode of operation for this plant is: Water is pumped out of the School Road Well. The water is then chlorinated with sodium hypochlorite. Hypochlorite concentration in the filter feed water is controlled by a chlorine analyzer. The chlorine oxidizes the iron and manganese into a precipitate which is filtered out in two filter vessels with a garnet, anthracite and proprietary media made by Pureflow. The filter vessels are 60" in diameter by 54" tall and are designed to operate at 10 gpm/square foot max. The filters are backwashed into a reclamation tank which sends the clear water to the plant head works and the precipitate is sent to the sewer via an air gap.

The sample collected from School Well #1 on March 6, 2018, showed 1,2,3-Trichloropopane (1,2,3 TCP) concentrations over the Maximum Contaminant Level (MCL). Therefore, in accordance with Section 64445.1 (c) (5) (B), CSA #62 was required to begin quarterly 1,2,3 TCP monitoring. Compliance with the 1,2,3 TCP MCL is based on a "running annual average" (RAA) of the quarterly monitoring samples, computed each quarter. Furthermore, Section 64445.1 (c) (5) (C) states: "If any sample would cause the running annual average to exceed the MCL, the water system is immediately in violation."

A summary of CSA #62's 1,2,3 TCP monitoring for Well #1 is presented in the table below:

Date of Sampling	Result (ug/L)
March 6, 2018 and March 27, 2018 (First quarter of 2018)	0.0125
June 6, 2018	0.0120
Running Annual Average (RAA)	0.006125

Well #1 exceeds the State drinking water standard for 1,2,3 TCP established as 0.005 ug/L (0.000005 mg/L). This standard or MCL for 1,2,3 TCP was adopted by the State Water Resources Control Board on July 18, 2017. Quarterly sampling began in the first quarter of 2018. This standard or Maximum Contaminant Level (MCL) for 1,2,3 TCP is pursuant to California Code of Regulations ("CCR") Title 22, Section 64444 Table 64444-A.

Once the RAA was determined to be above the MCL of 0.005 ug/L, Riverside County Department of Environmental Health (the "Department") ordered CSA #62 to issue a Tier 2 1,2,3 TCP notice to their water consumers within 30 days. The Tier 2 notice was issued on July 12, 2018. The Department received a Proof of Notification from the certified water operator on July 18, 2018.

ORDER

Pursuant to the California Safe Drinking Water Act, Health & Safety Code Sections 116650 and 116655, the Riverside County Department of Environmental Health (the "Department") hereby orders CSA #62 to do the following:

1. Secure a reliable source of water. The following are some available options:

- A. Provide a State Water Resources Control Board Division of Drinking Water (“DDW”) approved well head treatment system to correct the 1,2,3 TCP MCL violation. DDW and this Department must approve any type of treatment prior to installation.
 - B. Investigate the standby well for possible reclassification to permanent status.
 - C. Blend existing sources to comply with the 1,2,3 TCP MCL. DDW and this Department must approve the blending plan prior to implementation.
2. Apply to the State Water Resources Control Board Division of Drinking Water for financial aid to permanently correct the 1,2,3 TCP MCL violation. The Financial Assistance Application Submittal Tool (“FAAST”) is the first step in requesting funding for projects to correct public water system problems through programs administered by DDW.

To learn more about FAAST, please follow this link:

http://www.waterboards.ca.gov/drinking_water/services/funding/SRF.shtml

CSA #62’s decision on the method of compliance and reasonable work schedule is to be submitted to this Department, in writing, no later than **Monday, November 5, 2018**.

Respondent shall indicate the estimated amount of time necessary to complete either of the above-referenced options. The Department will take under consideration Respondent’s submitted work schedule and estimated time of completion and will either accept or modify the Respondent’s proposed date, and will notify the Respondent of its decision, in writing. Provide quarterly progress updates to this Department. In addition, the Respondent shall continue: (1) Quarterly monitoring for 1,2,3 TCP at School Well #1 (2) Provide quarterly notifications to all residents regarding the 1,2,3 TCP levels in the water, and (3) Submit proof of that notification to the Department.

PARTIES BOUND

This Citation & Compliance Order (“Order”) shall apply to and be binding upon the Respondent, its officers, directors, agents, employees, successors and assignees.

SEVERABILITY

The requirements of this Order are severable, and Respondent shall comply with each and every provision thereof notwithstanding the effectiveness of any provisions.

PENALTIES FOR NONCOMPLIANCE

Failure to comply with all the terms of this Order may subject Respondent to civil penalties and/or any costs incurred by the Department as a result of such failure, as provided by Health & Safety Code section 116595 and other applicable provisions of law.

OTHER PROVISIONS

The Department reserves the right to make such modifications to this Order as it may deem necessary to protect public health and safety. Such modifications may be issued as an amendment to this Order and shall be effective upon issuance.

All submittals required by this Order shall be addressed to:

County of Riverside
Department of Environmental Health
Attention: Mark Abbott
47-950 Arabia Street Ste. A
Indio, CA 92201
(760) 863-7570

If Respondent is unable to perform the tasks specified in this Order for any reason beyond the Respondent's control, and if Respondent notifies the Department in advance of the due date, the Department *may* extend the time for performance if Respondent demonstrates good cause, which includes good faith efforts to comply with the schedules and other requirements of this Order. The decision to extend the date(s) of compliance shall be based upon good cause shown and within the sole discretion of the Department.

If Respondent fails to perform any of the tasks specified in this Order by the time described herein or by the time as subsequently extended pursuant to the paragraph above, Respondent shall have failed to comply with the obligations of this Order and may be subject to additional action, including but not limited to civil penalties specified in Health & Safety Code sections 116650 and 116725.

The County of Riverside shall not be held liable for any injuries or damages to persons or property resulting from acts or omissions by the Respondent, its employees, agents, or contractors in carrying out activities pursuant to this Order, nor shall the County of Riverside be held as a party to any contract entered into by the Respondent or its agents in carrying out activities pursuant to this Order.

By issuance of this Order, the Department of Environmental Health does not waive any further enforcement actions.

8-21-18
Date

Mark Abbott
Mark Abbott
Supervising Environmental Health Specialist

CERTIFIED MAIL: 7015 0640 0006 0766 5254